# Kloppe Gerät

Moonn Electronics

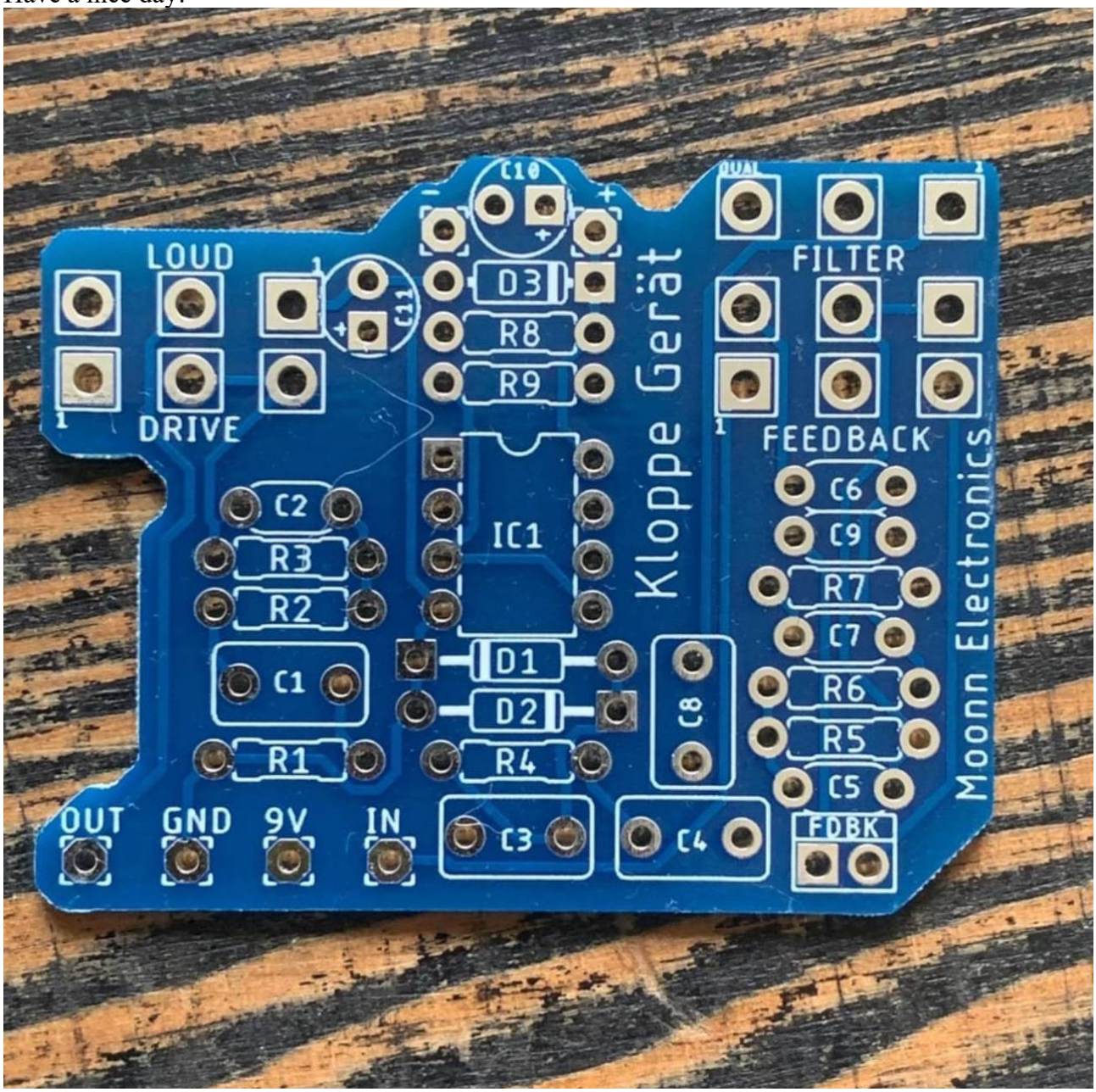
Use me to build a clone of the opamp side of the Death By Audio Assault System

Hi there!
Thank you for building me!

Trust me, I am based on a real one-off pedal even if you can find any traces on the internet anymore...

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!




Moonn Electronics is (sadly) in no way affiliated with Death By Audio

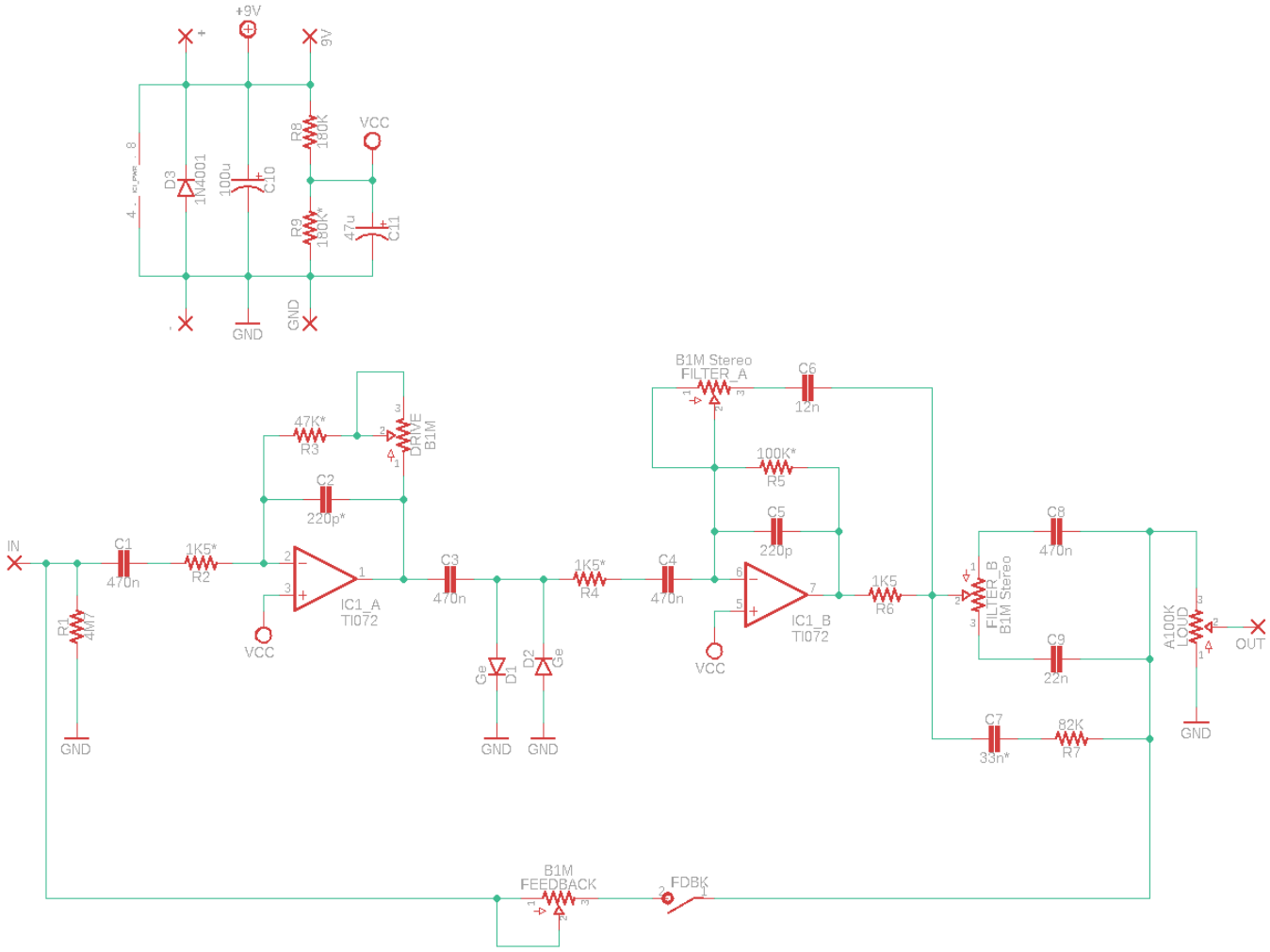
# Bill of Materials

| Qty | Value | Parts |
|---|---|---|
| Resistors | | |
| 1 | 1K5 | R6 |
| 2 | 1K5* | R2, R4 |
| 1 | 47K* | R3 |
| 1 | 82K | R7 |
| 1 | 100K* | R5 |
| 1 | 180K | R8 |
| 1 | 180K* | R9 |
| 1 | 4M7 | R1 |
| Ceramic and Film Capacitors | | |
| 1 | 220p | C5 |
| 1 | 220p* | C2 |
| 1 | 12n | C6 |
| 1 | 22n | C9 |
| 1 | 33n* | C7 |
| 4 | 470n | C1, C3, C4, C8 |
| Electrolytic Capacitors | | |
| 1 | 47u | C11 |
| 1 | 100u | C10 |
| Semiconductors | | |
| 2 | 1A34A** | D1, D2 |
| 1 | 1N4001 | D3 |
| 1 | Tl072 | IC1 |
| Switches and Potentiometers | | |
| 1 | 3PDT Footswitch | FDBK |
| 1 | A100K | LOUD |
| 2 | B1M | DRIVE, FEEDBACK |
| 1 | B1M Stereo | FILTER |

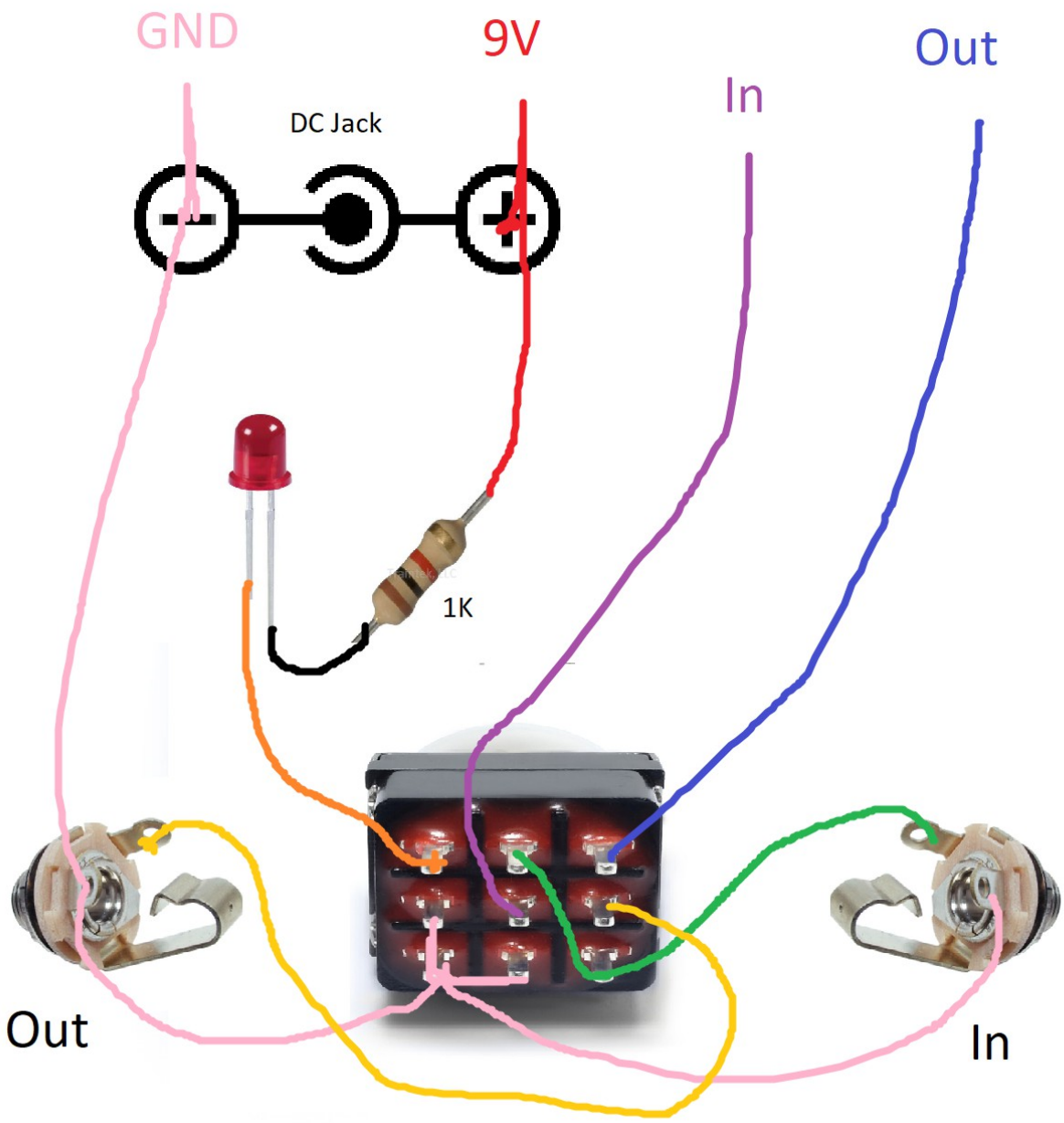
*these values are estimated... you are good to go if you use them but feel free to experiment a little

** These are estimated as well and you can just use whatever germanium diodes you have or can get. These soviet D9 diodes are always fun or you can even solder in silicon diodes if you want...

# Schematic


+9V
9V
VCC
R8
180K
D3
1N4001
100u
C10
R9
180K*
47u
C11
GND
47K*
R3
DRIVE
B1M
C2
220p*
IN
C1
470n
1K5*
R2
R1
4M7
IC1_A
TI072
VCC
C3
470n
Ge
D1
D2
Ge
GND
1K5*
R4
C4
470n
B1M Stereo
FILTER_A
C6
12n
100K*
R5
C5
220p
IC1_B
TI072
VCC
1K5
R6
FILTER_B
B1M Stereo
C8
470n
C9
22n
C7
33n*
82K
R7
A100K
LOUD
OUT
GND
B1M
FEEDBACK
FDBK

# Offboard Wiring



# Offboard Wiring FDBK Switch